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W Zhu, VC Mow, TJ Koob, DR Eyre - Journal of Orthopaedic Research, 1993 - doi.wiley.com

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LA Setton, VC Mow, DS Howell - Journal of Orthopaedic Research, 1995 - doi.wiley.com

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G Vunjak-Novakovic, I Martin, B Obradovic, S ... - Journal of Orthopaedic Research, 1999 - doi.wiley.com

... which is in the range where equilibrium **stress** varied linearly with applied **strain** for both the engineered constructs and **cartilage** explants. ...

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I Martin - Biorheology, 2000 - IOS Press

... central regions of engineered and native **cartilage** tissues and ... linear fit of the equilibrium **stress** plotted against ... by the amplitude of the applied **strain**. ...

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... matrix on a higher and larger range of applied **shear strain**. This is done by examining the **stress** relaxation response of bovine articular **cartilage** at **shear** ...

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M Jin, EH Frank, TM Quinn, EB Hunziker, AJ ... - Archives of Biochemistry and Biophysics, 2001 - Elsevier

... At 3% **strain** amplitude, the **shear stress** waveform sometimes ... 1B, 0.01 Hz) indicates a small amount of slipping between **cartilage** disks and the chamber ...

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RU Reppe - The Journal of Bone and Joint Surgery, 1977 - JBJS

... In the studies reported on here, samples of normal human living articular **cartilage** were obtained from ... analyzed in terms of their **stress-strain** and energy- ...

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RL Mauck, MA Soltz, CCB Wang, DD Wong, PHG Chao, ... - Journal of Biomechanical Engineering, 2000 - link.aip.org

... Behavior of Articular **Cartilage** in Shear Is Altered ... and Guilak, F., 1994, "**Stress**, **Strain**, Pressure, and Flow Fields in Articular **Cartilage** and Chondrocytes ...

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... We conclude that **strain** rate (like peak **stress** or **strain**) is an important parameter in defining mechanical injury, and that **cartilage** injuriously compressed ...

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F Guilak, VC Mow - Journal of Biomechanics, 2000 - Elsevier

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